## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 592  | (156/345.33,345.34).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/01/05 23:57 |
| L2       | 5627 | (118/715).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/01/05 23:57 |
| Ľ3       | 5972 | L1 or L2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/01/05 23:58 |
| L4       | 885  | 3 and (showerhead or (shower<br>head) or (gas adj (distribut\$4 or<br>diffus\$4 or dispens\$4 or dispers\$4)<br>adj plate))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/01/05 23:59 |
| L5       | 368  | ((bor\$3 or drill\$3) same (seal\$3 or<br>plug\$4 or cap\$4)) same<br>(showerhead or (shower head) or<br>(gas adj (distribut\$4 or diffus\$4 or<br>dispens\$4 or dispers\$4) adj plate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/01/06 00:04 |
| L6       | 633  | ((bor\$3 or drill\$3) with (seal\$3 or<br>plug\$4 or cap\$4)) and (showerhead<br>or (shower head) or (gas adj<br>(distribut\$4 or diffus\$4 or<br>dispens\$4 or dispers\$4) adj plate))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/01/06 00:08 |
| L7       | 2527 | (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$4 or partition\$3 or groove or disk)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/01/06 00:24 |
| L8       | 3676 | (4 or 5 or 6 or 7)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/01/06 00:25 |

## **EAST Search History**

| L9  | 50     | 8 and (@rlad<="20030722" or<br>@ad<="20030722") and<br>@pd>="20060616"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ . | ON   | 2007/01/06 00:57 |
|-----|--------|--|---|-------|------|------------------|
| L10 |        | ((Yoshihiro Kato) or (Tadashi Goto)<br>or (Hikaru Yoshitaka) or (Makoto<br>Aoki)).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2007/01/06 00:42 |
| L11 | 1377   | ((Yoshihiro Kato) or (Tadashi Goto)<br>or (Hikaru Yoshitaka) or (Makoto<br>Aoki)).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR  | ON   | 2007/01/06 00:42 |
| L12 | 28     | 11 and @pd>="20060616"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON · | 2007/01/06 00:44 |
| L13 | 0      | 12 and (showerhead or (shower<br>head) or (gas adj (distribut\$4 or<br>diffus\$4 or dispens\$4 or dispers\$4)<br>adj plate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ   | ON   | 2007/01/06 00:55 |
| L14 | 65315  | c23c016\$ or h011021\$   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | ADJ   | ON . | 2007/01/06 00:55 |
| L15 | 961173 | c23c016\$ or h01l021\$   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | ADJ   | ON   | 2007/01/06 00:55 |
| L16 | 1375   | 15 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))          | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | ADJ   | ON   | 2007/01/06 00:56 |
| L17 | 866    | 16 and @pd<="20030722"   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | ADJ   | ON   | 2007/01/06 01:02 |
| L18 | 116    | 17 and diffus\$3   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | ADJ   | ON . | 2007/01/06 01:14 |
| L19 | 59     | 17 and center  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | ADJ   | ON   | 2007/01/06 01:15 |